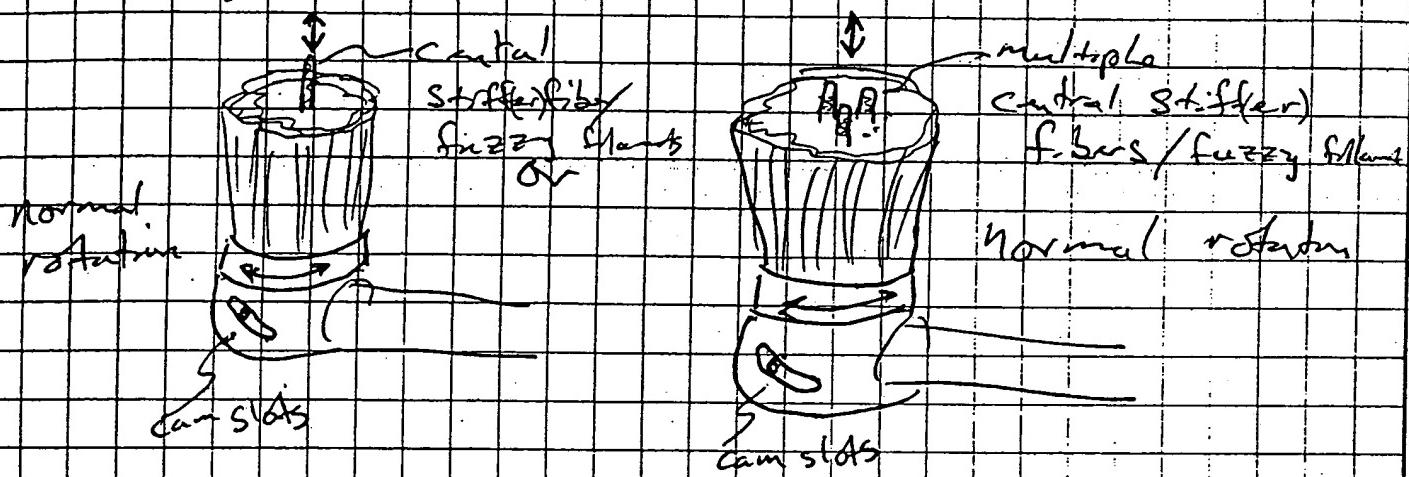


Interdental/Electric Toothbrush headDual Motion Brush Head

Concept: Central Fiber(s) have axial motion rising above top plane of rotating tooth brush head acting as "pick" between tooth cavities:



Central "pk" fiber(s) achieves motion by cam action on outer stationary housing. As main brush head rotates, central fiber(s) rise above top plane of brush, retract on back rotation.

Requires only minor redesign of current brush head to achieve mechanical motion from existing brush design.

See next page

Exhibit 16  
Page 1

Witnessed & Understood by me,	Date	Recorded by	
<u>John Howard</u> <u>K. Lammert</u>	10/17 10/17/97	J. Woff	10-17 97

## Mechanical Explosion of drive mechanism

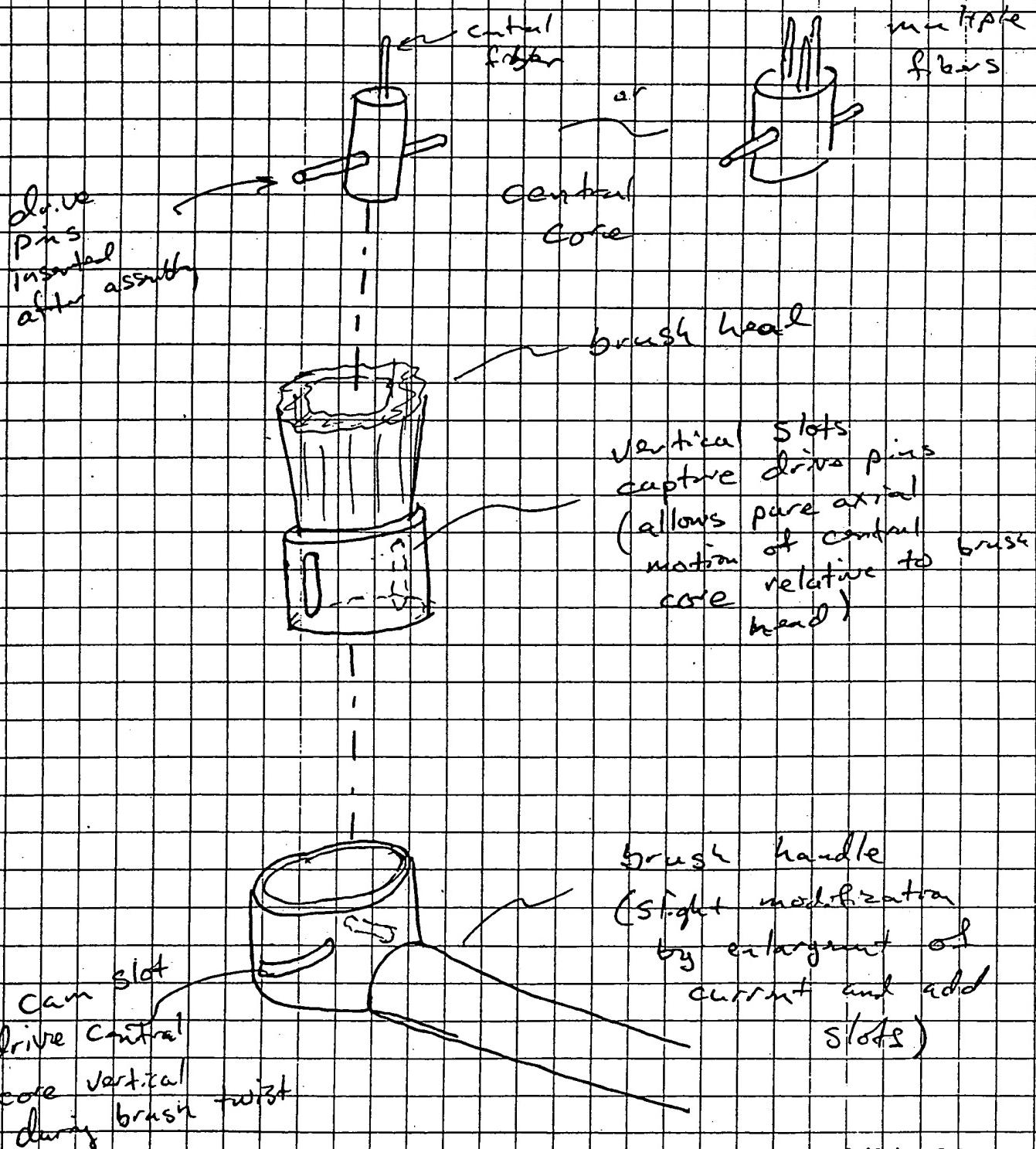


Exhibit 16

Page 2

Witnessed &amp; Understood by me,

Date

10/17

Recorded by

Date

10-17

Date

-97

John Edward

X. Fiedman

10/17/97

To accommodate current drive mechanism

Cut away at some central core material

to fit drive pin. Also expand outer casing

of plastic head to fit "sleeves" of brush

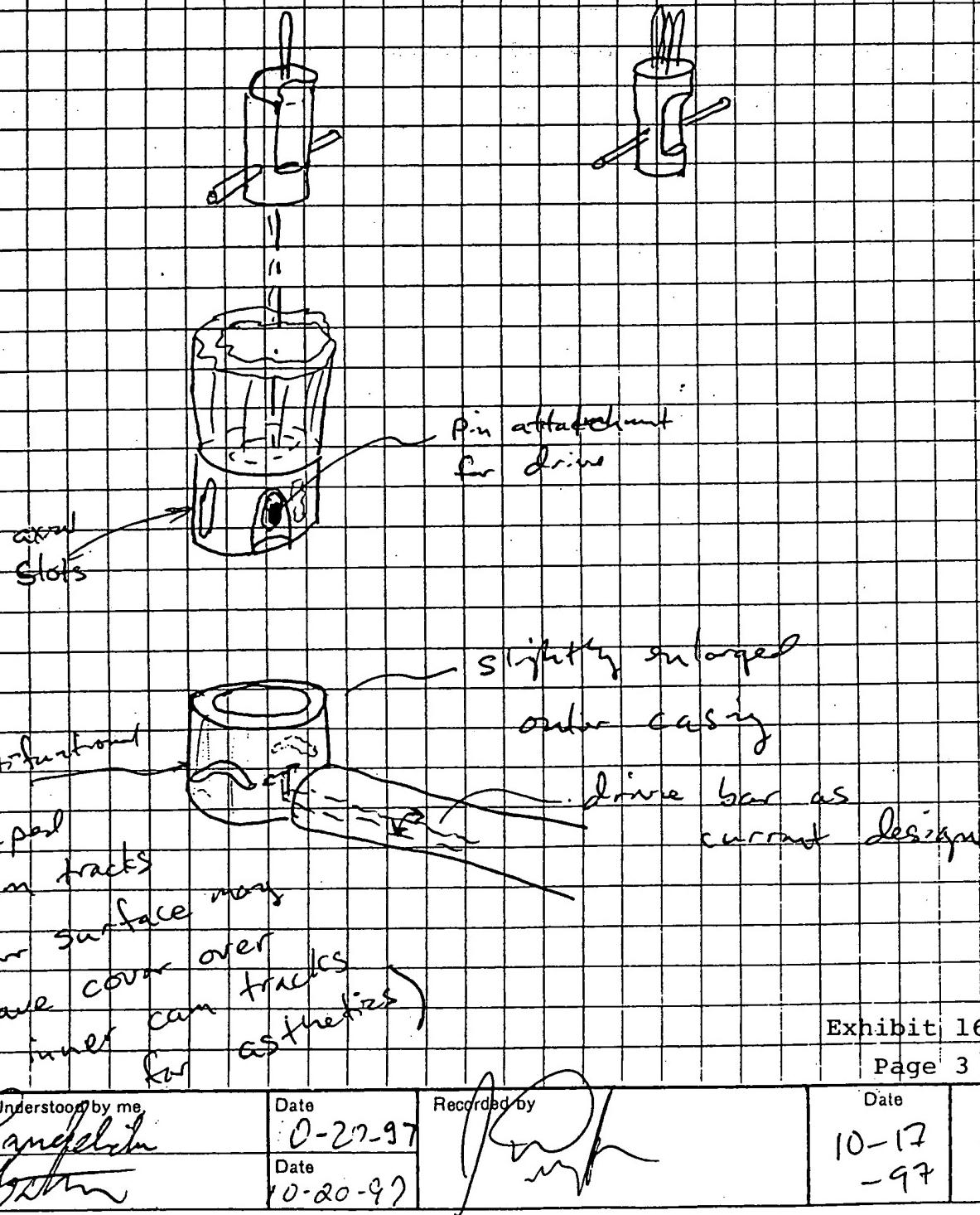


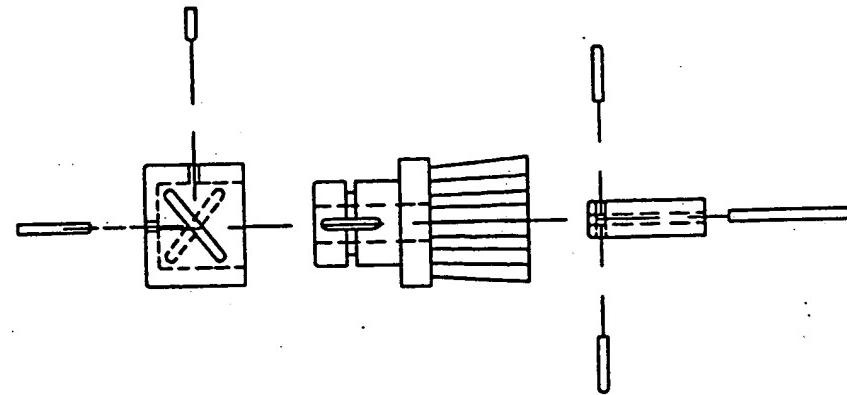
Exhibit 16

Page 3

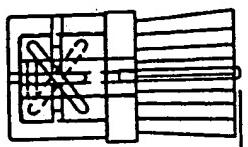
Witnessed & Understood by me P. Angelini D. L. Johnson	Date 0-27-97 Date 10-20-97	Recorded by <i>[Signature]</i>	Date 10-17 -97
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## Tahr-Dx &amp; Toothbrush

Exploded View of Head

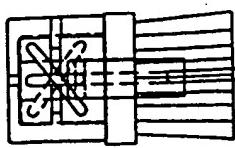


Retracted Center Position



0.200" (5 mm)

Full Extension Center Position



This Model Hand Operated, Can be Fitted with Standard Drive Linkage of Electric Tooth Brush

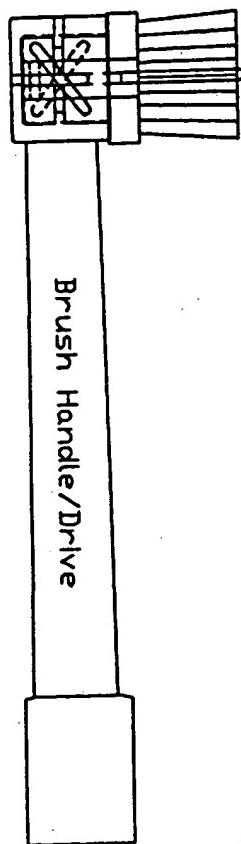


Exhibit 16  
Page 4

Passed &amp; Understood

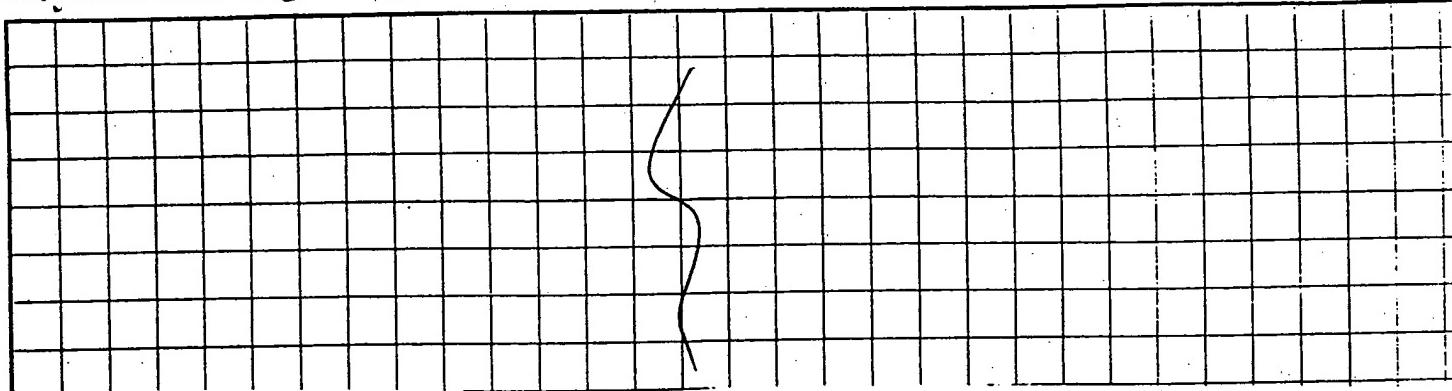
*J. Smith*  
J. Smith

Date 10/30/97  
Date 10/30/97

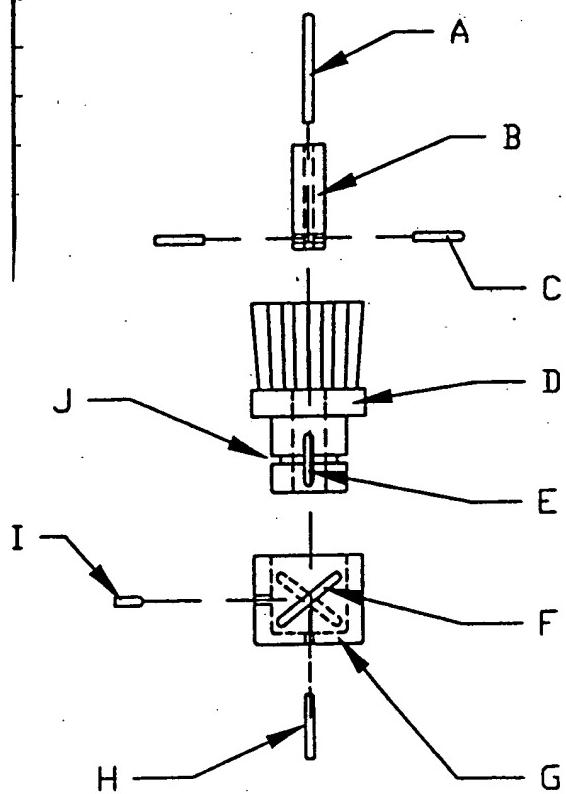
Recorded by

*R. Duf*

Date 10/30/97



## Primary Brush Head Components



- A: Inter-Dental Probe
- B: Slider Core
- C: Cam Follower Pins
- D: Brush / Base
- E: Vertical Slider Track
- F: Cam Track  
(Note: Cam can take on any useful shape:  
  1. Sinusoidal
  2. Curved
  3. Linear
  4. etc...)
)
- G: Housing
- H: Guide / Rotation Pin
- I: Retaining Pin
- J: Retaining Track

Exhibit 16

Page 5

Witnessed & Undersigned by me,	Date 10/30/97	Recorded by <i>[Signature]</i>	Date 10/30/97
<i>[Signature]</i> Thomas Becker	Date 10/30/97		